

































-  Secrets
-  ABAP
-  Apex
-  C
-  C++
-  CloudFormation
-  COBOL
-  C#
-  CSS
-  Flex
-  Go
-  **HTML**
-  Java
-  JavaScript
-  Kotlin
-  Kubernetes
-  Objective C
-  PHP
-  PL/I
-  PL/SQL
-  Python
-  RPG
-  Ruby
-  Scala
-  Swift
-  Terraform
-  Text
-  TypeScript
-  T-SQL
-  VB.NET
-  VB6
-  XML



# HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers

Bug

Tables used for layout should not include semantic markup

Bug

Tables should have headers

Bug

"<html>" element should have a language attribute

Bug

<script>...</script> elements should not be nested

Bug

"<th>" tags should have "id" or "scope" attributes

Bug

"<title>" should be present in all pages

Bug

"<!DOCTYPE>" declarations should appear before "<html>" tags

Bug

Elements deprecated in HTML5 should not be used

Bug

HTML "<table>" should not be used for layout purposes

Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements

Code Smell

Videos should have subtitles

Code Smell

"<strong>" and "<em>" tags should be used

Analyze your code

Bug Minor accessibility

The <strong>/<b> and <em>/<i> tags have exactly the same effect in most web browsers, but there is a fundamental difference between them: <strong> and <em> have a semantic meaning whereas <b> and <i> only convey styling information like CSS.

While <b> can have simply no effect on a some devices with limited display or when a screen reader software is used by a blind person, <strong> will:

- Display the text bold in normal browsers
- Speak with lower tone when using a screen reader such as Jaws

Consequently:

- in order to convey semantics, the <b> and <i> tags shall never be used,
- in order to convey styling information, the <b> and <i> should be avoided and CSS should be used instead.

### Noncompliant Code Example

```
<i>car</i>                                <!-- Noncompliant -->
<b>train</b>                             <!-- Noncompliant -->
```

### Compliant Solution

```
<em>car</em>
<strong>train</strong>
```











### Exceptions

This rule is relaxed in case of **icon fonts** usage.

```
<i class="..." aria-hidden="true" />    <!-- Compliant i
```

Available In:

sonarlint sonarcloud sonarqube

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"&lt;strong&gt;" and "&lt;em&gt;" tags should be used</div> <div> Bug</div>
<div>"&lt;li&gt;" and "&lt;dt&gt;" item tags should be in "&lt;ul&gt;", "&lt;ol&gt;" or "&lt;dl&gt;" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"&lt;frames&gt;" should have a "title" attribute</div> <div> Bug</div>
<div>"&lt;fieldset&gt;" tags should contain a "&lt;legend&gt;"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>